

CLAIMS

1. A mobile station apparatus comprising:

storing means for storing personal information and
5 its own user identification information;

determining means for determining whether a
user-operated input is a personal information externally
storing mode in which the personal information stored in said
storing means is made to be transmitted and stored externally,
10 or a personal information re-storing mode in which the personal
information temporarily stored externally is received and
re-stored in said storing means; and

controlling means for making the personal information
and the user identification information stored in said storing
15 means be transmitted when the user-operated input is the
personal information externally storing mode, and for making
the personal information corresponding to the own user
identification information, which is temporarily stored
externally, be received and stored in said storing means when
20 the user-operated input is the personal information re-storing
mode.

2. A mobile station apparatus according to claim 1:

further comprising second determining means for
determining whether a received signal is a user identification
25 information repeat command or not; and

said controlling means make the own user
identification information stored in said storing means be

repeated when the received signal is the user identification information repeat command.

3. A mobile station apparatus according to claim 1:

further comprising third determining means for
5 determining whether a received signal is a personal information
externally storing success signal or not; and

said controlling means make the fact noticed to a user
when the received signal is the personal information externally
storing success signal.

10 4. A base station apparatus, comprising:

storing means for storing personal information and
user identification information while coupling them to each
other;

determining means for determining whether a received
15 signal is a personal information externally storing mode signal
or a personal information re-storing mode signal; and

controlling means for making the personal information
and the user identification information, which are received
along with the personal information externally storing mode
20 signal, be stored in said storing means while coupling them
to each other when the received signal is the personal
information externally storing mode signal; and for making the
personal information corresponding to the user identification
information, which has been received along with the personal
25 information re-storing mode signal, be read out from said
storing means and transmitted to a transmitting source of the
relevant personal information re-storing mode signal when the

received signal is the personal information re-storing mode signal.

5. A base station apparatus according to claim 4:

further comprising second determining means for
5 determining whether the received user identification
information has been previously registered or not; and

said controlling means make a user identification
information repeat command be transmitted to the transmitting
source of the relevant user identification information when
10 the received user identification information has not been
previously registered.

6. A base station apparatus according to claim 4:

further comprising third determining means for
determining whether the received personal information and the
15 user identification information have been stored properly in
said storing means or not in the case that the received signal
is the personal information externally storing mode signal;
and

said controlling means make a personal information
20 externally storing success signal be transmitted to the
transmitting target of the relevant personal information
externally storing mode signal when the received personal
information and the user identification information have been
stored properly in said storing means.

25 7. A control station apparatus connected with a plurality
of base station apparatus comprising:

storing means for storing personal information and

user identification information while coupling them to each other;

determining means for determining whether a signal received by a base station apparatus is a personal information
5 externally storing mode signal or a personal information re-storing mode signal; and

controlling means for making the personal information and the user identification information, which are received along with the personal information externally storing mode
10 signal, be stored in said storing means while coupling them to each other when the signal received by the base station apparatus is the personal information externally storing mode signal; and for making the personal information corresponding to the user identification information, which has been received
15 along with the personal information re-storing mode signal, be read out from said storing means and transmitted to a transmitting source of the relevant personal information re-storing mode signal via the base station apparatus when the signal received by the base station apparatus is the personal
20 information re-storing mode signal.

8. A control station apparatus according to claim 7:

further comprising second determining means for determining whether the user identification information received by the base station has been previously registered
25 or not; and

said controlling means make a user identification information repeat command be transmitted to the transmitting

source of the relevant user identification information via the base station when the user identification information received by the base station has not been previously registered.

9. A control station apparatus according to claim 7:

5 further comprising third determining means for determining whether the personal information and the user identification information received by the base station has been stored properly in said storing means or not in the case that the signal received by the base station is the personal
10 information externally storing mode signal; and

said controlling means make a personal information externally storing success signal be transmitted to the transmitting target of the relevant personal information externally storing mode signal via the base station when the
15 personal information and the user identification information received by the base station has been stored properly in said storing means.

10. A personal information control system comprising a mobile station apparatus that stores personal information of
20 a user and its own user identification information and a base station apparatus that temporarily stores personal information stored in said mobile station apparatus while coupling the personal information to user identification information:

in which said mobile station apparatus comprising:
25 storing means for storing personal information and its own user identification information;

determining means for determining whether a

user-operated input is a personal information externally storing mode in which the personal information stored in said storing means is made to be transmitted to said base station apparatus and stored therein or a personal information
5 re-storing mode in which the personal information temporarily stored in said base station apparatus is received and re-stored in said storing means; and

controlling means for making the personal information and the user identification information stored in said storing
10 means be transmitted when the user-operated input is the personal information externally storing mode, and for making the personal information temporarily stored in said base station apparatus corresponding to the own user identification information be received and stored in said storing means when
15 the user-operated input is the personal information re-storing mode; and

in which said base station apparatus comprising:
storing means for storing personal information and user identification information while coupling them to each
20 other;

determining means for determining whether a received signal is a personal information externally storing mode signal or a personal information re-storing mode signal; and

controlling means for making the personal information and the user identification information, which are received
25 along with the personal information externally storing mode signal, be stored in said storing means while coupling them

to each other when the received signal is the personal information externally storing mode signal; and for making the personal information corresponding to the user identification information, which has been received along with the personal information re-storing mode signal, be read out from said storing means and transmitted to said mobile station apparatus when the received signal is the personal information re-storing mode signal.

11. A personal information controlling method in a mobile
station apparatus comprising storing means for storing personal
information and its own user identification information,
characterized in that said personal information controlling
method in the mobile station apparatus comprising the steps
of:

15 determining whether a user-operated input is a
personal information externally storing mode or a personal
information re-storing mode; and

making the personal information and the user identification information stored in said storing means be transmitted when the user-operated input is the personal information externally storing mode, and making the personal information temporarily stored externally corresponding to the own user identification information be received and stored in said storing means when the user-operated input is the personal information re-storing mode.

12. A personal information controlling method in a base station apparatus comprising storing means for storing personal

information and user identification information while coupling them to each other, characterized in that said personal information controlling method in the base station apparatus comprising the steps of:

5 determining whether a received signal is a personal information externally storing mode signal or a personal information re-storing mode signal; and

 making the personal information and the user identification information, which are received along with the
10 personal information externally storing mode signal, be stored in said storing means while coupling them to each other when the received signal is the personal information externally storing mode signal; and making the personal information corresponding to the user identification information, which
15 has been received along with the personal information re-storing mode signal, be read out from said storing means and transmitted to a transmitting source of the relevant personal information re-storing mode signal when the received signal is the personal information re-storing mode signal.

20 13. A personal information controlling method in a control station apparatus comprising storing means for storing personal information and user identification information while coupling them to each other, which is connected with a plurality of base station apparatus, characterized in that said personal
25 information controlling method in the control station apparatus comprising the steps of:

 determining whether a signal received by a base station

apparatus is a personal information externally storing mode signal or a personal information re-storing mode signal; and

making the personal information and the user identification information, which are received along with the

5 personal information externally storing mode signal, be stored in said storing means while coupling them to each other when the signal received by the base station apparatus is the personal information externally storing mode signal; and making the personal information corresponding to the user identification
10 information, which has been received along with the personal information re-storing mode signal, be read out from said storing means and transmitted to a transmitting source of the relevant personal information re-storing mode signal via the base station apparatus when the signal received by the base
15 station apparatus is the personal information re-storing mode signal.